

FIG. 1 is a schematic diagram of a system for monitoring and controlling a process. The system includes a first PID controller 12, a second PID controller 14, and a process 16. The first PID controller 12 is connected to the process 16, and the second PID controller 14 is connected to the process 16. The first PID controller 12 is also connected to the second PID controller 14 via a communication link 20. The first PID controller 12 is also connected to a sensor 18, which is connected to the process 16. The second PID controller 14 is also connected to a sensor 18, which is connected to the process 16. The first PID controller 12 is also connected to an actuator 18, which is connected to the process 16. The second PID controller 14 is also connected to an actuator 18, which is connected to the process 16.

101

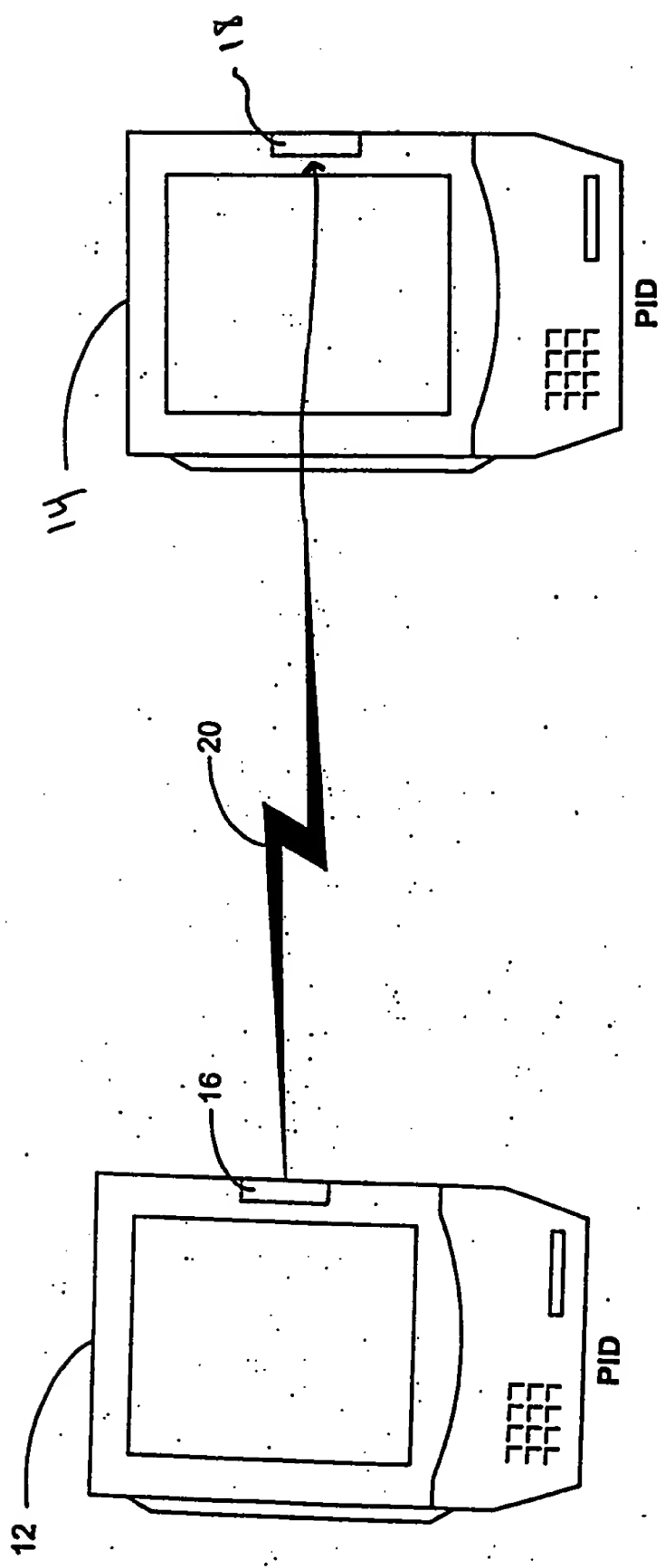


FIG. 1

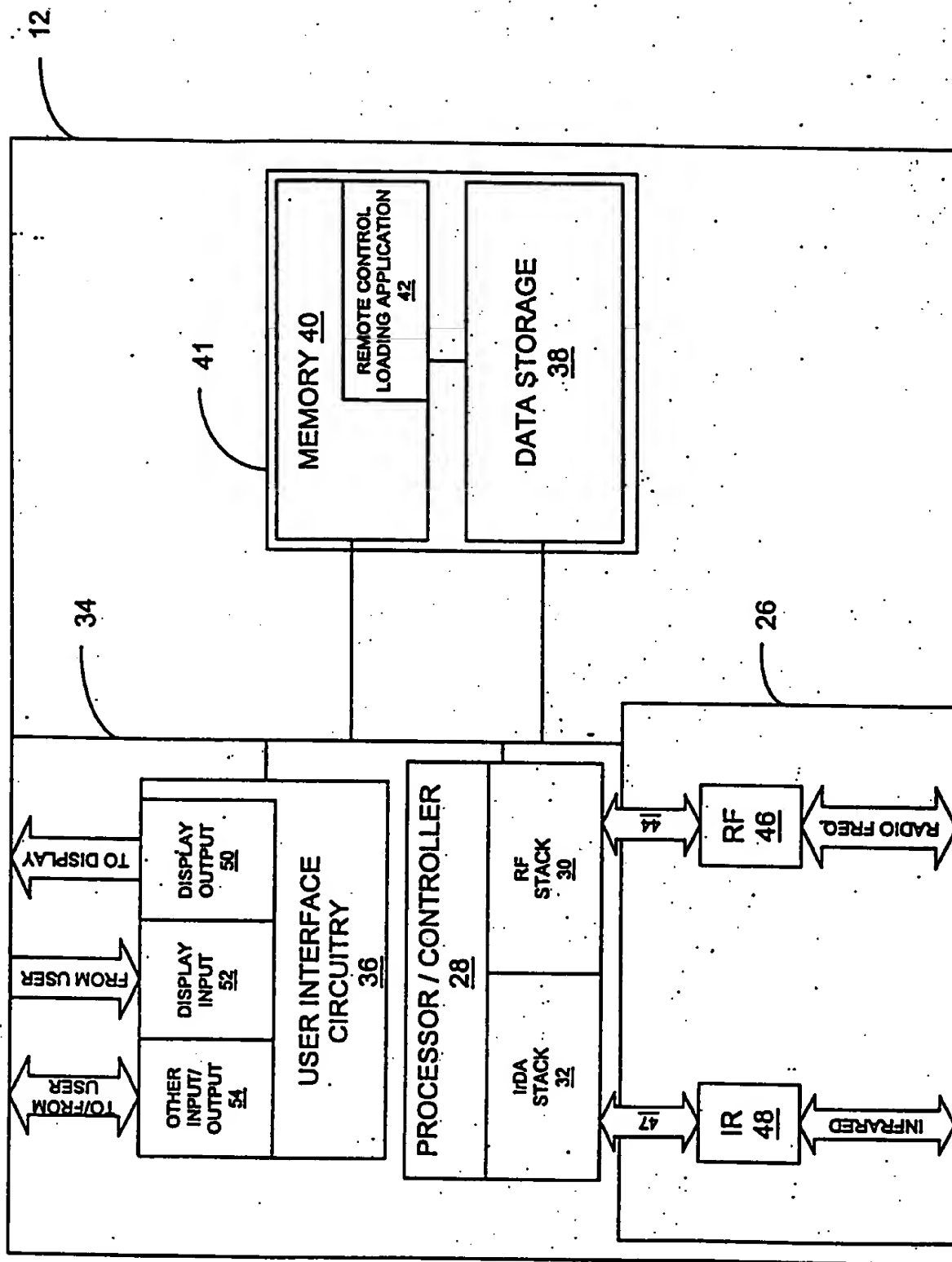


FIG. 2

60

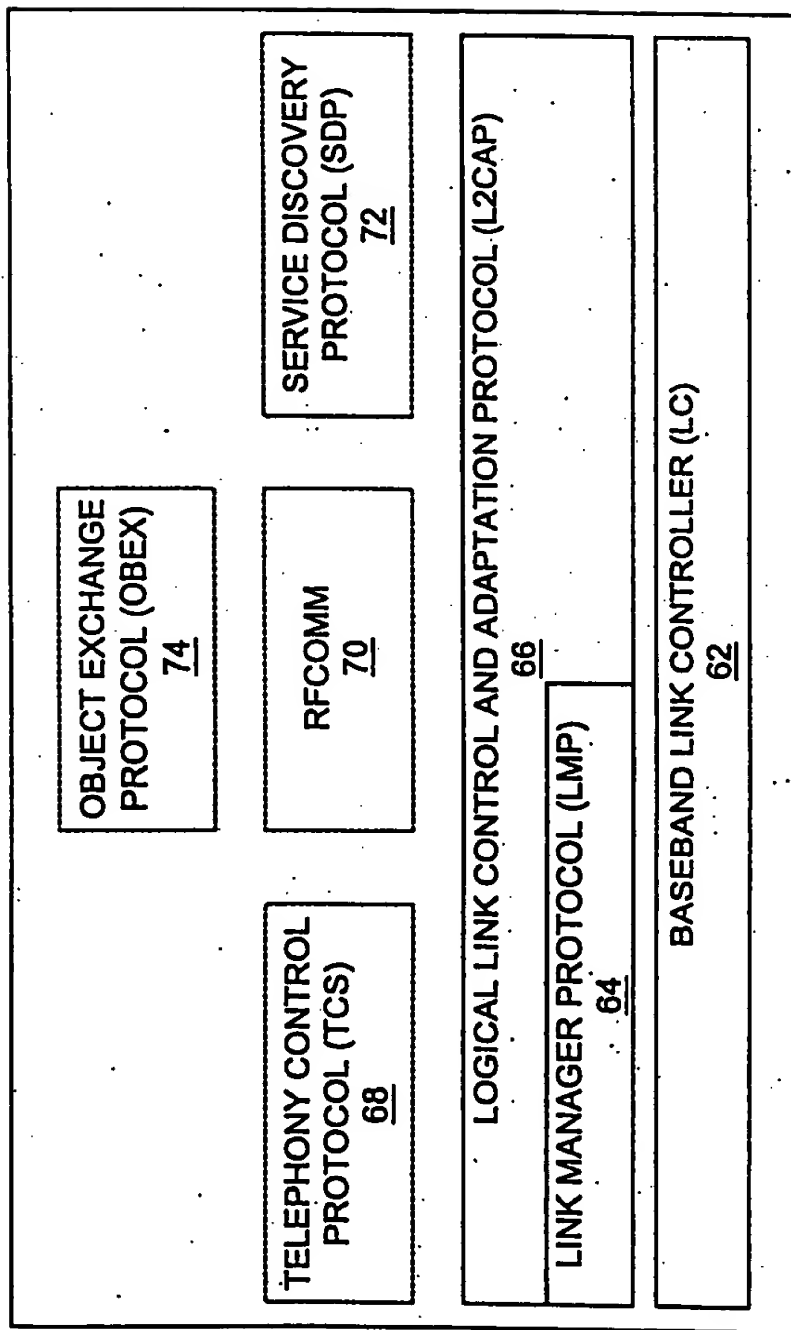


FIG. 3

80

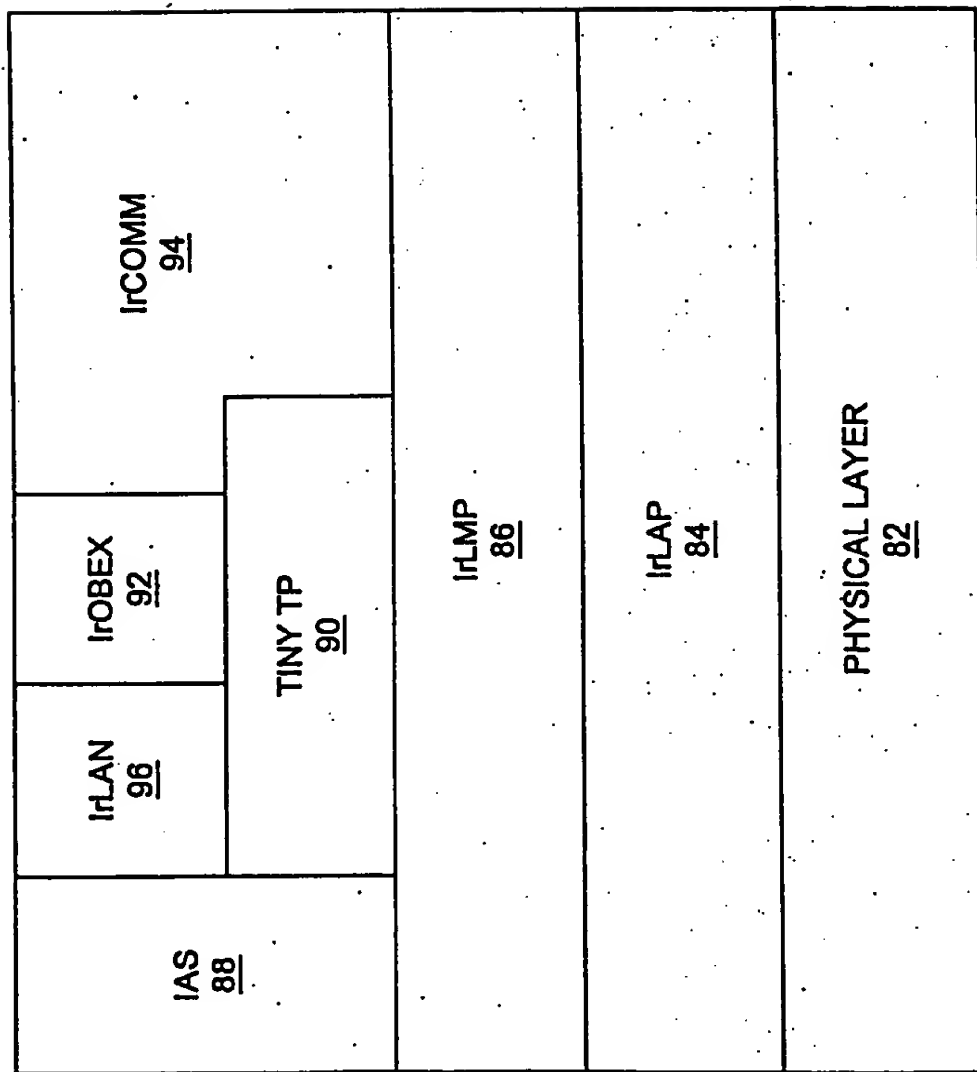


FIG. 4

FIG. 5 is a block diagram of a Personal Information Device (PID) system. The system includes a PID (12) which is connected to a PID Wireless Port (16). The PID (12) contains a Controller (28) and Data Storage Memory (40). The Controller (28) is connected to the PID Wireless Port (16) and the Data Storage Memory (40). The Data Storage Memory (40) is divided into two sections: DATA STORAGE (38) and MEMORY (40). The Controller (28) is also connected to a set of Applications (100) which includes Scheduling (101), Events Man. (108), Calendar (102), and User Preferences (104). The PID (12) is shown as a handheld device with a screen (14) and a keypad (18).

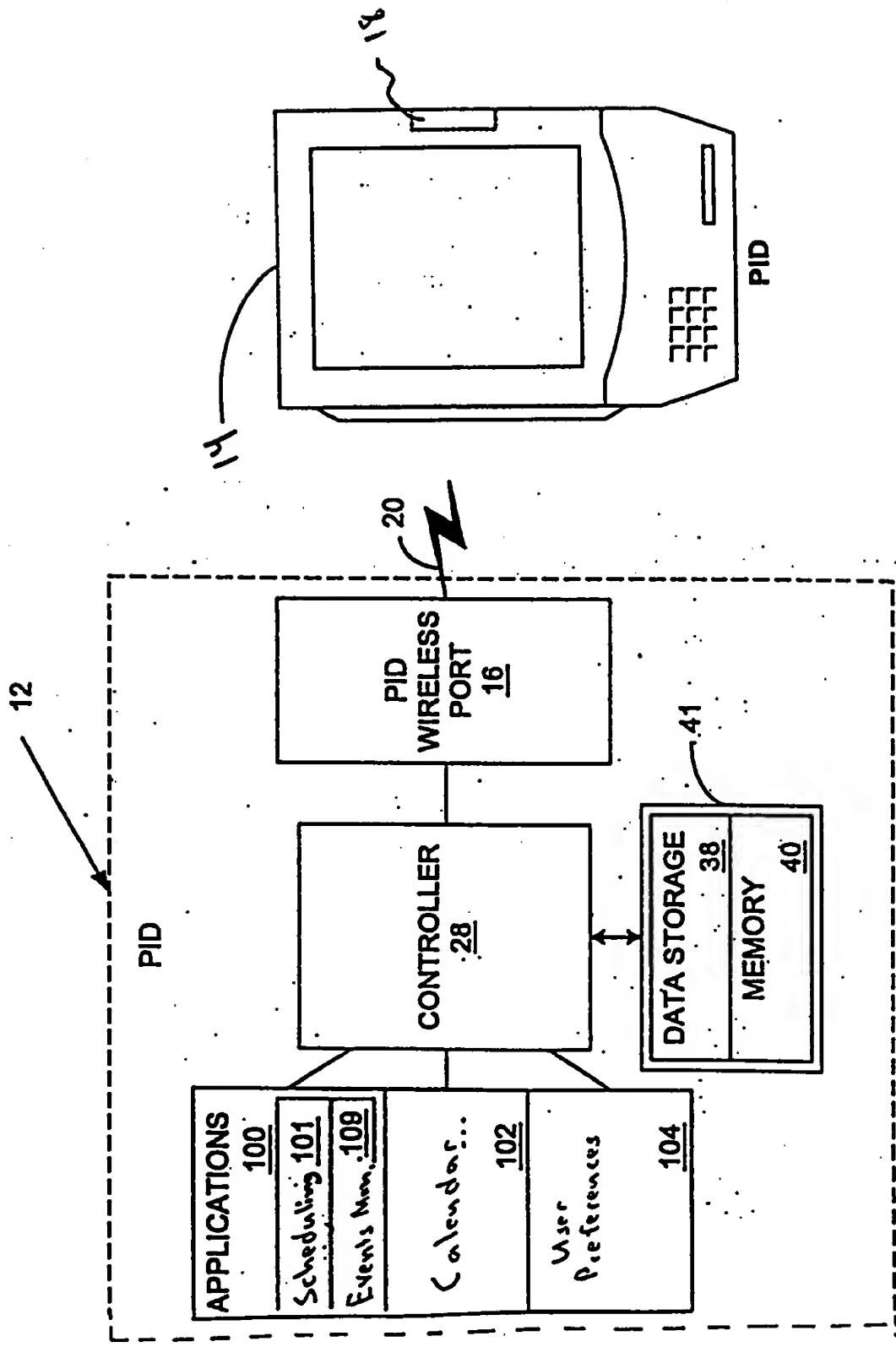


FIG. 5

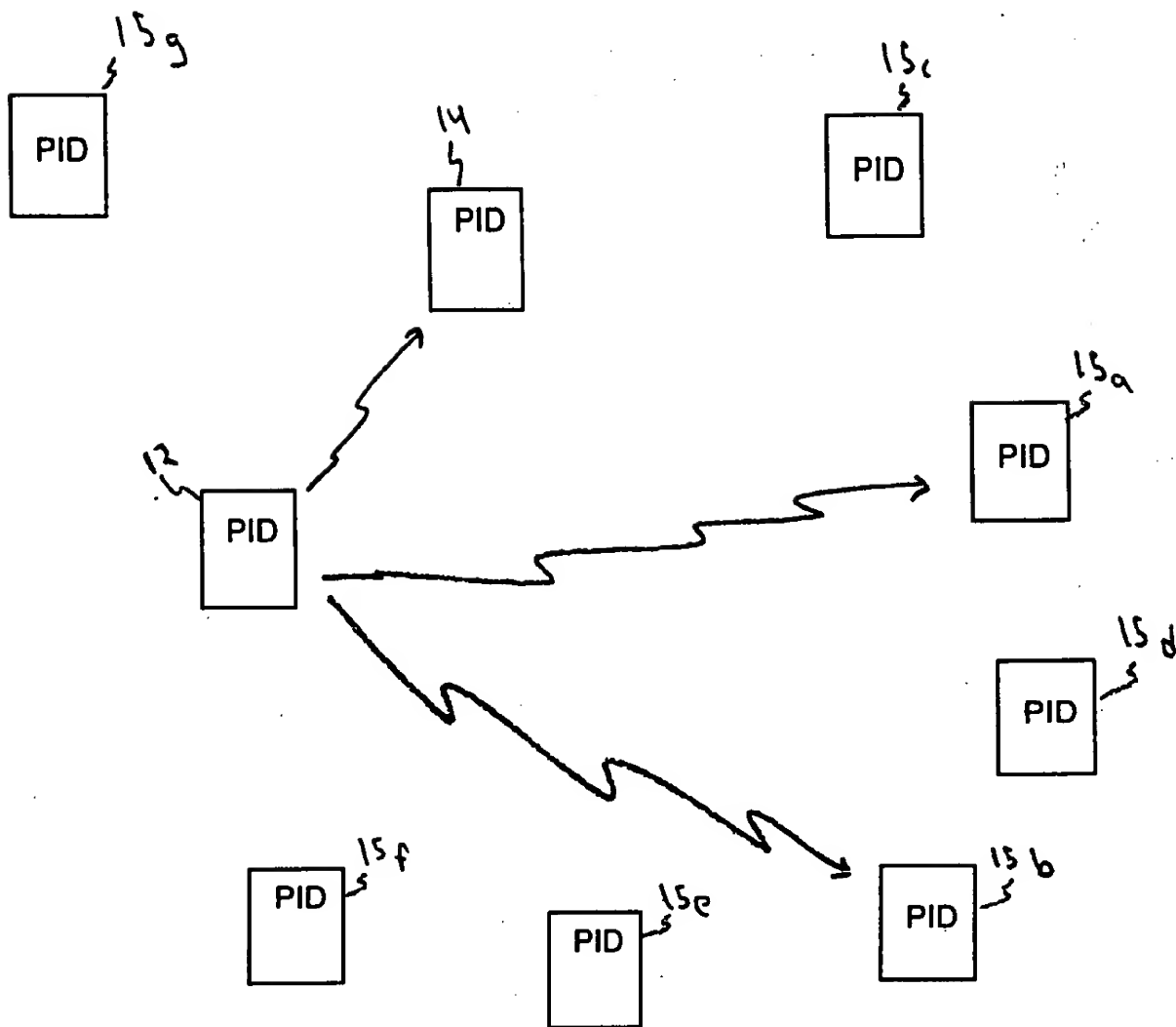


FIG. 6A

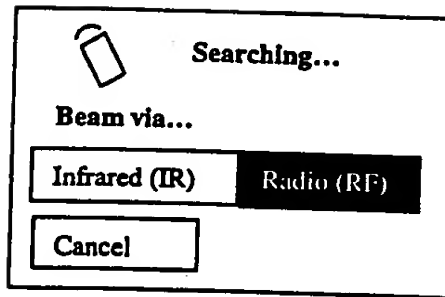


Fig. 6B

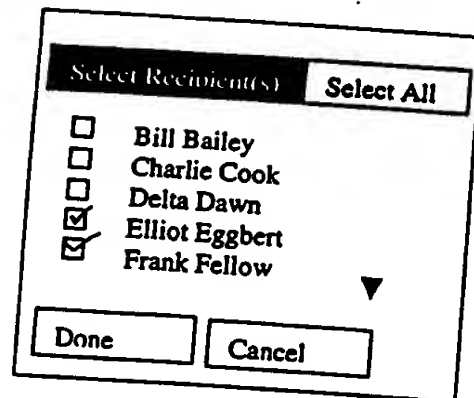
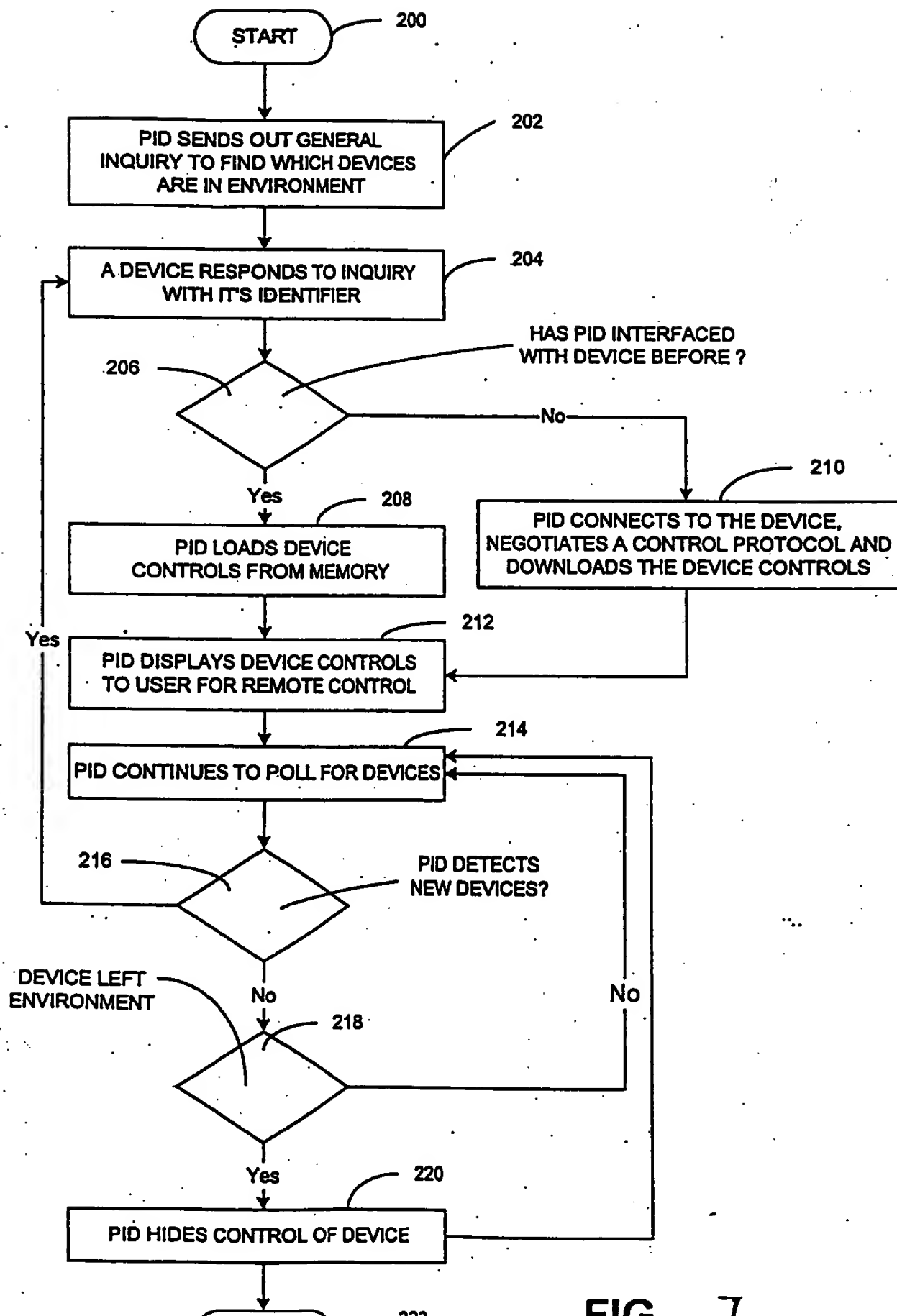


Fig. 6C





400

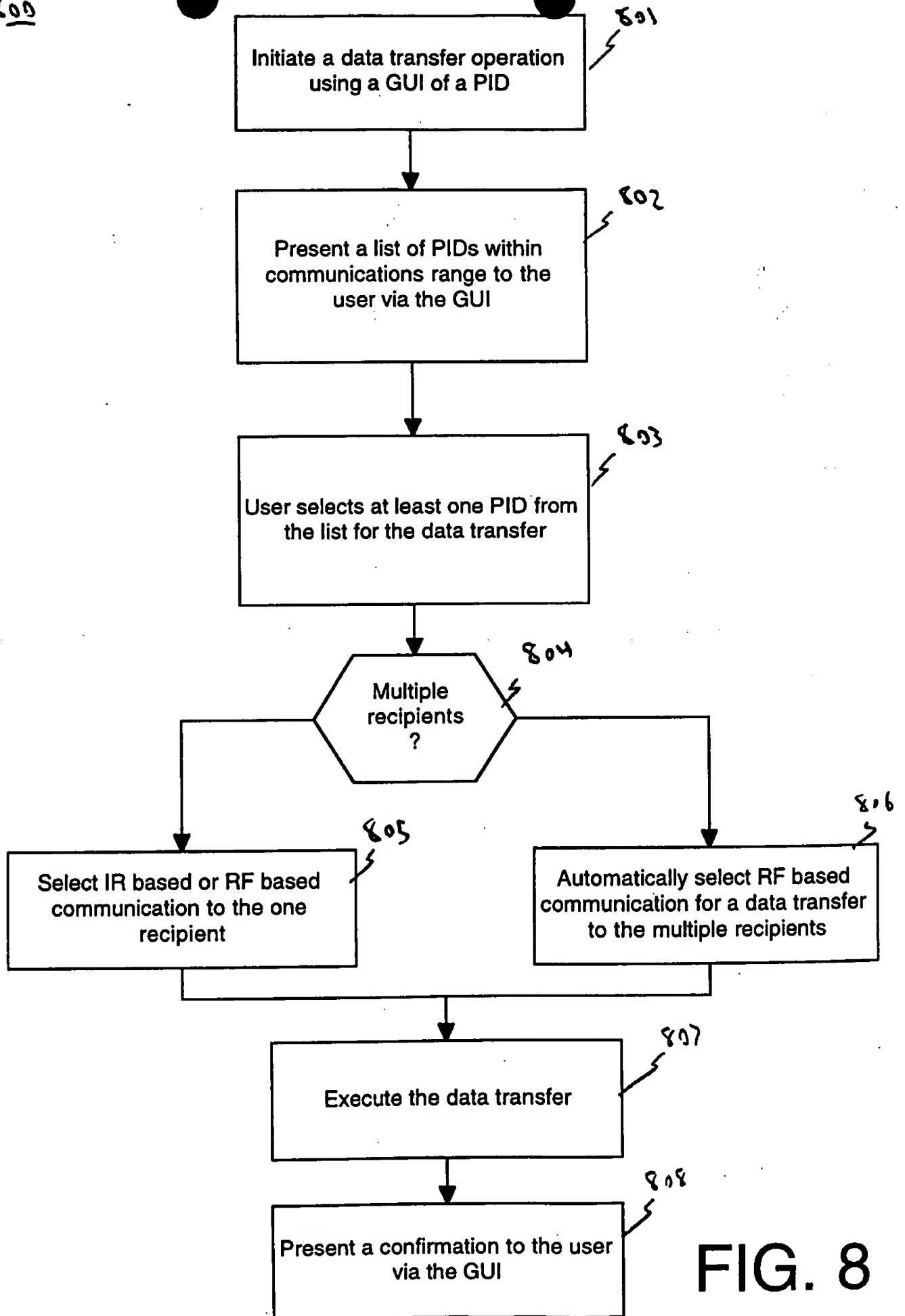


FIG. 8